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CPY - SAMS-N

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IC - D06L1/14

MC - D05-A02C F03-B

PA - (SAMS-N) SAMSON KK

PN - JP6235163 A 19940823 DW199438 D06L1/14 004pp

PR - JP19930041924 19930204

XA - C1994-140335

XIC - D06L-001/14

AB - J06235163 Desizing of a fabric comprises removing a size by washing after decompsn. of the size in a high temp. chamber, by infiltrating a starch size adhered to prevent yarn breakage in weaving process in a desizing soln. with added amylase based enzyme. Desizing is performed by infiltrating the fabric with a degassed desizing liq. with added desizing agent.

- USE/ADVANTAGE - Since desizing is performed using degassed water, decompsn. efficiency of starch is increased. This shortens the working time and reduces amt. of washing water.

- In an example, the fabric is passed through boiling water, rinsed with warm water part to carry rinsing and then it is infiltrated with a desizing liq. contg. enzyme, into degassed water in the infiltrating part. The degassed water is filtered with a filtering appts., degassed with a membrane degassing appts. and stored in a degassing tank. The degassed water is supplied to the infiltrating part as required. The infiltrated fabric is desized in a high temp. zone maintained at 100-115 deg.C, washed with boiling alkali soln. in a washing tank and rinsed with cold water.(Dwg.0/3)

IW - DESIZE FABRIC DEGAS WATER INCREASE DECOMPOSE EFFICIENCY STARCH

IKW - DESIZE FABRIC DEGAS WATER INCREASE DECOMPOSE EFFICIENCY STARCH

NC - 001

OPD - 1993-02-04

ORD - 1994-08-23

PAW - (SAMS-N) SAMSON KK

TI - Desizing of fabric - using degassed water which increases decomposition efficiency of starch